

Appl. No. : 10/529,591
Filed : September 26, 2005

REMARKS

In response to the Office Action dated November 21, 2006, Applicant submits the foregoing amendments and following remarks. Claim 2 has been cancelled, and Claims 1 and 3-14 have been amended. Support for these amendments can be found throughout the specification and claims as filed, thus, no new matter has been added.

Claim Objections

Claims 7-14 are objected to as being in improper form. These claims have been amended to obviate this objection.

Claims 9-14 are also objected to as being in improper form. These claims have also been amended to obviate this objection.

Rejections Under 35 U.S.C. § 112

Claims 1-6 are rejected under 35 U.S.C. §112, second paragraph for failure to define the invention, and for failure to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The claims have been amended to better specify the structure of the device and to correct grammatical and idiomatic errors. Thus, Applicant respectfully requests that the rejections under 35 U.S.C. §112, second paragraph, be withdrawn.

Rejection Under 35 U.S.C. § 102

Claims 1-5 are rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 5,577,385 to Kapich. According to the PTO, Kapich teaches the construction of an electropneumatic engine supercharger that encompasses all of the elements of the claimed invention.

The claims have been amended to better define the present invention. Claim 1 as amended recites a device having blades defining channels communicating with the fluid outlet and fluid inlet; the channels in the impeller are continuous and not interrupted. As the cited art fails to teach or suggest a plurality of unique continuous channels conveying fluid from the inlet

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to the outlet, the cited art fails to anticipate the claims as amended. Withdrawal of the rejection is therefore respectfully requested.

Rejection Under 35 U.S.C. § 103

Claim 6 has been rejected under 35 U.S.C. § 103(a) as unpatentable over U.S. Patent No. 5,577,385 to Kapich in view of U.S. Patent No. 4,253,031 to Frister. According to the PTO, it would have been obvious to one skilled in art at the time of the invention to use the high efficiency permanent magnet brushless electric three-phase synchronous machine disclosed by Frister on the electropneumatic engine supercharger system disclosed by Kapich for the purpose of allowing an air gap to provide alternating flux to the armature core lamellae, thus inducing a voltage in the armature windings.

As noted above, Claim 1 as amended recites a device having blades defining channels communicating with the fluid outlet and fluid inlet; the channels in the impeller are continuous and not interrupted. As Kapich fails to teach or suggest a plurality of unique continuous channels conveying fluid from the inlet to the outlet, the combination of Kapich and Frister do not render the claimed invention obvious. Withdrawal of the rejection is therefore respectfully requested.

Conclusion

Applicant has addressed each of the issues set forth in the Office Action, and believes that the claims are now in condition for allowance. Such action is respectfully requested. Should any questions remain, the Examiner is invited to contact the undersigned attorney at the telephone number appearing below.

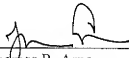
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Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

Respectfully submitted,

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